

Attorney Docket No: ISIS0038-100/CHEM0001US
Serial No. 10/757,298

January 20, 2006 Response
to September 23, 2005 Action

Listing of the Claims:

1. (currently amended) An oligomeric compound comprising a plurality of 2'-hydroxyl ribonucleosides and having a protected phosphate group at the 5'-terminus wherein the protected phosphate group is (S-acetyl-2-thioethyl) phosphate (SATE).

Claims 2 through 5 (canceled)

Claims 6 and 7 (withdrawn)

8. (currently amended) A double stranded composition comprising an oligomeric compound of claim 1 wherein the oligomeric compound is double stranded.

9. (currently amended) An oligomeric compound A composition of claim 8 wherein one strand is an antisense strand.

10. (currently amended) An oligomeric compound A composition of claim 8 wherein only one strand comprises the protected phosphate group.

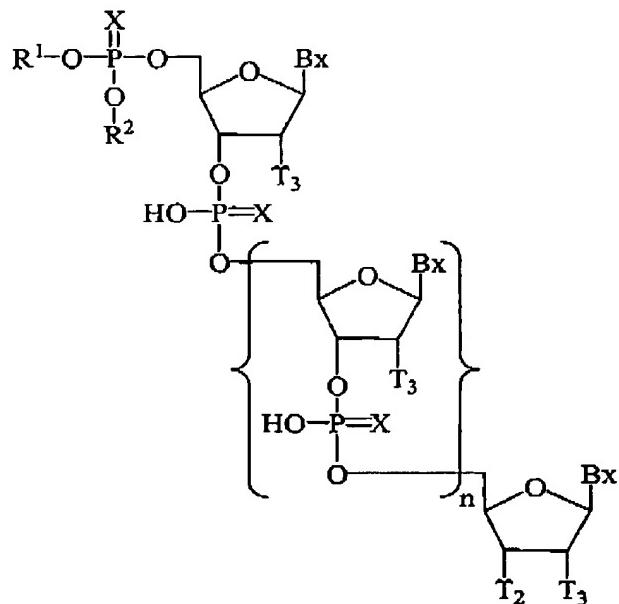
11. (currently amended) An oligomeric compound A composition of claim 10 wherein one strand is an antisense strand, and wherein the antisense stand comprises the protected phosphate group.

12. (currently amended) An oligomeric compound A composition of claim 8 wherein both strands comprise a protected phosphate group.

13. (currently amended) An oligomeric compound of claim 1 having the structure:

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wherein:

T₂ is a hydroxyl group, a protected hydroxyl group, a sugar substituent group, a conjugate group, a nucleoside, a nucleotide, an oligonucleoside, or an oligonucleotide;

each T₃ is, independently, a hydroxyl group, a protected hydroxyl group, a sugar substituent group, a conjugate group, a nucleoside, a nucleotide, an oligonucleoside, or an oligonucleotide;

each X is O or S;

each Bx is an optionally protected heterocyclic base moiety;

n is from 1 to about 50; and

R¹ is H or a phosphorus protecting group and R² is a phosphorus protecting group or ~~R1 and R2 are joined in a S-acetyl-2-thioethyl~~ phosphorus protecting group.

14. (previously presented) An oligomeric compound of claim 13 wherein at least one T₃ is F.

15. (currently amended) An oligomeric compound of claim 14 wherein at least one T₃ is F and at least one T₃ is a different sugar substituent group.

Claims 16 through 19 (canceled)

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Claims 20 to 37 (withdrawn)

38. (previously presented) A kit or assay device comprising a compound of claim 1.

Claims 39 and 40 (withdrawn).

41. (new) A double stranded composition comprising an oligometric compound of claim 13.